

Attorney Docket No. 2004_1610A

Serial No. 10/512,416

October 11, 2006**AMENDMENTS TO THE CLAIMS**

1. **(Currently amended)** A plasma display device ~~in which comprising:~~
a plurality of discharge cells having at least one color ~~is disposed;~~ and
phosphor layers having a color respectively corresponding to ~~the respective~~ said discharge
cells ~~are disposed, and the phosphor layers are excited by ultraviolet light to emit light,~~
wherein:

said phosphor layers are operable to emit light by being excited by ultraviolet
light; and

at least one phosphor layer among ~~the~~ said phosphor layers is made of a phosphor
that has a composition formula of $\text{Ba}_{(1-x-y)}\text{Sr}_y\text{MgAl}_{10}\text{O}_{17}:\text{Eu}_x$ in which $0.01 \leq x \leq 0.20$ and
 $0 \leq y \leq 0.30$, and said phosphor layer is treated in an ozone atmosphere.

2. **(Cancelled)**

3. **(Withdrawn)** A method of fabricating a phosphor in which at least one of Eu and Mn
is added as an activator thereof and a multiple oxide containing at least one of elements Ba, Ca,
Sr, and Mg is a host crystal thereof, the method comprising:

firing mixed materials of the phosphor in a reducing atmosphere at least once; and
treating the phosphor in an ozone atmosphere after the step of treatment in the reducing
atmosphere.

4. **(Withdrawn)** The method of fabricating a phosphor of claim 3, wherein, a
composition formula of the phosphor is $\text{Ba}_{(1-x-y)}\text{Sr}_y\text{MgAl}_{10}\text{O}_{17}:\text{Eu}_x$, where $0.01 \leq x \leq 0.20$ and
 $0 \leq y \leq 0.30$.